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Application No.	09/998,012	Prepared by	NPB	Tracking Number	0589/329
Examiner-GAU	1644-2874	Date	3/3/04	Week Date	1/19/04
		No. of queries	1	IPW	

JACKET			
a. Serial No.	f. Foreign Priority	k. Print Claim(s)	p. PTO-1449
b. Applicant(s)	g. Disclaimer	l. Print Fig.	q. PTOL-85b
c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs
e. Domestic Priority	j. Claims Allowed	o. PTO-892	t. Other

SPECIFICATION

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RESPONSE

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 15670-009001	Application No. 09/998,012
Informati n Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Mark Wang et al.	
(37 CFR §1.98(b))		Filing Date November 28, 2001	Group Art Unit 2874

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5674743	10/7/1997	Ulmer			
	AB	6159749	12/12/2000	Liu			
	AC	2002/0045272	4/18/2002	McDevitt et al.			
	AD	2002/0094533	7/18/2002	Hess et al.			
	AE						
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Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes	Translation No
	AH							
	AI							
	AJ							
	AK							
	AL							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AM	Li, et al.; Transport, Manipulations, and Reaction of Biological Cells On-Chip Using Electrokinetic Effects; April 15, 1997; Analytical Chemistry, Vol. 69, No. 8, pgs. 1564-1568
	AN	Mihrimah et al.; Heterogeneous Integration through Electrokinetic Migration; November/December 2001; IEEE Engineering in Medicine and Biology; pgs. 144-151
	AO	Swanson, et al.; A fully multiplexed CMOS biochip for DNA Analysis; 2000; Sensors and Actuators B 64; pgs. 22-30
	AP	Zeidler; Automated chromosome analysis; August 1988; Nature, Vol. 334, No. 6183; pg. 635

Examiner Signature	Date Considered
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09/998012

Sheet 1 of 1

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07977-304001	Application No. ~~10/081,558~~
	Information Disclosure Statement by Applicant (Use several sheets if necessary)	Applicant S. Seo, et al.	
	(37 CFR 1.98(b))	Filing Date February 20, 2002	Group Art Unit

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U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5 719 467	Feb 17, 1998	Antoniadis et al.			
	AB						
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Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Mark Wang et al.	
		Filing Date November 28, 2001	Group Art Unit 2874

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Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	6,221,654	4/24/2001	QUAKE ET AL.			
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	AC	6,344,325	2/5/2002	QUAKE ET AL.			
	AD	2002/0058332	5/16/2002	QUAKE ET AL.			
	AE						
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Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes	Translation No
	AL	WO 99/61888	2/12/1999	WIPO				
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 10

Complete if Known	
Application Number	09/998,012
Filing Date	November 28, 2001
First Named Inventor	Mark Wang et al.
Group Art Unit	2874
Examiner Name	AKM ULLAH
Attorney Docket Number	15670-009001

Examiner Initials *	U.S. Patent Document Number	Kind Code[2] (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	US-3558877		Pressman	01/26/71	
	US-3628182		Ashkin et al	12/14/71	
	US-3838139		Ashkin et al	01/25/72	
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	US-3808432		Ashkin	04/30/74	
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	US-5308978		Misawa at al	05/03/94	
	US-5327515		Anderson et al	07/05/94	

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Sheet 2 of 10

Complete If Known	
Application Number	09/998,012
Filing Date	November 28, 2001
First Named Inventor	Mark Wang et al.
Group Art Unit	2874
Examiner Name	AKM ULLAH
Attorney Docket Number	15670-009001

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	US-5337324		Ohtsu et al	08/09/94	
	US-5338930		Chu at al	08/16/94	
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	US-5993632		Becker et al	11/30/99	
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Application Number	09/998,012
Filing Date	November 28, 2001
First Named Inventor	Mark Wang et al.
Group Art Unit	2874
Examiner Name	AKM ULLAH
Attorney Docket Number	15670-009001

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	US-6033548		Ramsey	03/07/00	
	US-6055106		Grier et al	04/25/00	
	US-6087859		Kas et al	05/30/00	
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	US-6224732	B1	Imasaka et al	05/01/01	
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	WO	94/08221	A1	Warburton	04/14/94		
	WO	97/21832	A1	Eigen et al	06/19/97		
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Sheet 4 of 10

Complete If Known	
Application Number	09/998,012
Filing Date	November 28, 2001
First Named Inventor	Mark Wang et al.
Group Art Unit	2874
Examiner Name	AKM ULLAH
Attorney Docket Number	15670-009001

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	WO	00/54882	A1	Zhu et al	09/21/00		
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	EP	0898493	B1	Pethig et al	01/19/00		
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	JP	06132000	A	Haraguchi et al	05/13/94		abst
	JP	08234110	A	Otaki et al	09/13/96		abst
	JP	09043434	A	Yasuda et al	02/14/97		abst
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	JP	10062332	A	Kano et al	03/06/98		abst
	JP	11218691	A	Yasuda et al	08/10/99		abst

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Sheet 5 of 10

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Application Number	09/998,012
Filing Date	November 28, 2001
First Named Inventor	Mark Wang et al.
Group Art Unit	2874
Examiner Name	AKM ULLAH
Attorney Docket Number	15670-009001

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Application Number	09/998,012
Filing Date	November 28, 2001
First Named Inventor	Mark Wang et al.
Group Art Unit	2874
Examiner Name	AKM ULLAH
Attorney Docket Number	15670-009001

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